| Ref # | Hits | Search Query | DBs | Defa ult Oper ator | Plurals | Time Stamp |
|----------|------|---|--|-----------------------------|---------|------------------|
| S1 | 5 | US-5851290-\$.did. or CN-1446961-\$.did. or JP-797714-\$.did. or EP-1229156-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 12:59 |
| S2 | 0 | JP-0797714-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 13:12 |
| S3 | 2 | JP-07097714-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 13:13 |
| S4 | 7 | ((LIWEN) near2 (ZHANG)).INV. | EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 13:27 |
| S5 | 431 | "8/94.11".CCLS. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/02 13:38 |
| S6 | 1234 | 252/8.81,8.85.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 13:55 |
| S7 | 0 | S6 and (yarn with collagen with fiber with textile) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 13:55 |
| S8 | 0 | S6 and (yarn with collagen with textile) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 13:55 |
| S9 | 0 | S6 and (yarn with collagen) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 13:56 |

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|-----|-----|--|--|-------------|----|------------------|
| S10 | 51 | S6 and (yarn with (leather or animal or skin)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 13:58 |
| S11 | 56 | yarn with collagen with fiber with textile | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 14:02 |
| S12 | 3 | ("3616169").URPN. | USPAT | A DJ | ON | 2009/07/02 14:29 |
| S13 | 4 | ("1945173" "3294581").PN. | US-PGPUB; USPAT; USOCR | A DJ | ON | 2009/07/02 14:32 |
| S14 | 235 | yarn with collagen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 16:03 |
| S15 | 143 | S14 and (animal or leather) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 16:04 |
| S16 | 113 | (yarn and collagen).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 16:05 |
| S17 | 863 | yarn same (collagen or (animal near2 fiber)) same (cotton or hemp or wool or silk or terylene or acrylic or nylon or polyamide or (viscose near staple)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 17:28 |
| S18 | 192 | yarn same collagen same (cotton or hemp or wool or silk or terylene or acrylic or nylon or polyamide or (viscose near staple)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 17:28 |
| S19 | 99 | yarn with collagen with (cotton or hemp or wool or silk or terylene or acrylic or nylon or polyamide or (viscose near staple)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/02 17:31 |

| S20 | | | • | • | • | | |
|--|-----|-----|--|--|-------------|----|------------------|
| USPAT: USOOR FPRS EPC, UPC; DEFWENT USOOR PPRS EPC, UPC; DEFWENT USOOR PPRS EPC, UPC; DEFWENT USOOR USPAT; USO | S20 | 162 | S17 same twist\$4 | USPAT; USOCR; FPRS; EPO; JPO; | ADJ | ON | 2009/07/02 17:44 |
| S23 | S21 | 77 | S18 and twist\$4 | USPAT; USOCR; FPRS; EPO; JPO; | ADJ | ON | 2009/07/02 17:44 |
| S24 7 | S22 | 146 | S20 and (textile or fabric) | USPAT; USOCR; FPRS; EPO; JPO; | ADJ | ON | 2009/07/02 17:56 |
| S25 | S23 | 121 | S20 same (textile or fabric) | USPAT; USOCR; FPRS; EPO; JPO; | ADJ | ON | 2009/07/02 18:00 |
| Secondary Same (card\$4) same draw\$4 Same twist\$4 same opener USPAT; USOCR Secondary USPAT; USOCR Secondary USPAT; USOCR Secondary USPAT; USOCR Secondary USPAT; USOCR USPAT; USOCR Secondary USPAT; USOCR Secondary USPAT; USOCR | S24 | 7 | | USPAT; | ADJ | ON | 2009/07/02 18:16 |
| (blend\$4) same (card\$4) same draw\$4 same twist\$4 S27 9 yarn same (loosening or loosing) same (blend\$4) same draw\$4 same twist\$4 S28 13 yarn same (loosening or loosing) same (blend\$4) same twist\$4 S29 203 yarn same (loosening or loosing) or loose\$4) same twist\$4 S30 341 57/243.cds. S30 341 S30 and collagen S30 and loos\$7 | S25 | 1 | (blend\$4) same (card\$4) same draw\$4 | USPAT; | ADJ | ON | 2009/07/02 19:17 |
| S28 13 yarn same (loosening or loosing) same (blend\$4) same twist\$4 US-PGPUB; USOCR US-PGPUB; US-PGPUB; USOCR US-PGPUB; US-PGPUB | S26 | 3 | (blend\$4) same (card\$4) same draw\$4 | USPAT; | ADJ | ON | 2009/07/02 19:18 |
| S29 203 yarn same (loosening or loosing or loose\$4) US-PGPUB; USOCR US-PGP | S27 | 9 | | USPAT; | A DJ | ON | 2009/07/02 19:20 |
| Same (blend\$4) same twist\$4 | S28 | 13 | | USPAT; | A DJ | ON | 2009/07/02 19:23 |
| S31 1 S30 and collagen US-PGPUB; USOCR US-PGPUB; USPAT; USOCR US-PGPUB; USPAT; USOCR S32 52 S30 and loos\$7 US-PGPUB; USPAT; USPAT; USPAT; USPAT; | S29 | 203 | | USPAT; | ADJ | ON | 2009/07/02 19:31 |
| USPAT; USOCR S32 52 S30 and loos\$7 US-PGPUB; ADJ ON 2009/07/06 12:53 USPAT; | S30 | 341 | 57/243.ccls. | USPAT; | ADJ | ON | 2009/07/06 12:51 |
| USPAT; | S31 | 1 | S30 and collagen | USPAT; | A DJ | ON | 2009/07/06 12:52 |
| | S32 | 52 | S30 and loos\$7 | USPAT; | ADJ | ON | 2009/07/06 12:53 |

8/27/2009 3:19:02 PM

| S33 | 20 | ("3312052" "3358436" "3477219" "3482389" "3487627" "3535867" "3657871" "3685268").PN. OR ("3969885").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/06 13:23 |
|-----|------|--|--|-------------|----|------------------|
| S34 | 1 | liming same deliming same (tanning or tanned or tan or chromed or chroming or softening) same (loosing or loosening or loose or separat\$4) same twist\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/06 15:09 |
| S35 | 10 | (liming or lime or limed or \$4lime\$2) same (tanning or tanned or tan or chromed or chroming or softening) same (loosing or loosening or loose or separat\$4) same twist\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/06 15:11 |
| S36 | 632 | (liming or lime or limed or \$4lime\$2) and (tanning or tanned or tan or chromed or chroming or softening) and (loosing or loosening or loose or separat\$4) and twist\$4 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/06 15:30 |
| S37 | 70 | S36 and (yarn or fiber).ab. | US-PGPUB; USPAT; USOCR | A DJ | ON | 2009/07/06 15:31 |
| S38 | 44 | S37 and yarn | US-PGPUB; USPAT; USOCR | A DJ | ON | 2009/07/06 15:50 |
| S39 | 38 | ("2838363" "3114372" "3114593" "3366440" "3374103" "3511904" "3520402" "3527225" "3625811" "3742955" "4185011" "4295894").PN. OR ("4404033").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/07/06 16:05 |
| S40 | 13 | ("0611814" "2374201" "2475697" "3114372").PN. OR ("3625811").URPN. | US-PGPUB; USPAT; USOCR | A DJ | ON | 2009/07/06 16:25 |
| S41 | 3412 | carding machine | US-PGPUB; USPAT; USOCR | A DJ | ON | 2009/07/06 16:28 |
| S42 | 122 | carding machine same (drawing near2 machine) | US-PGPUB; USPAT; USOCR | A DJ | ON | 2009/07/06 16:30 |
| S43 | 42 | S42 and yarn | US-PGPUB; USPAT; USOCR | A DJ | ON | 2009/07/06 16:31 |
| S44 | 43 | (rawhide or (raw near2 hide)) same (lime or liming or limed or chromed or chroming) same (deliming or delimed or delime) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/08 15:25 |

| S45 | 45 | (ammonium near2 (sulfate or sulphate)) same protease same (hide or skin or pelt or leather) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/07/08 16:53 |
|-----|-----|---|--|-------------|----|------------------|
| S46 | 129 | (rawhide or (raw near2 hide) or leather or skin or (animal near2 fiber) or collagen or hide or (wet blue)) same (lime or liming or limed or deliming or delimed) same ((acid\$3 near2 protease) or protease) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/07 15:24 |
| S47 | 29 | ("2741575" "2741576" "4019956").PN. OR ("4220724").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/08/07 16:03 |
| S48 | 1 | reciprocating liquid opener | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/17 09:53 |
| S49 | 82 | water same lipid same (leather or (animal near2 skin) or hide or rawhide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/17 09:58 |
| S50 | 7 | ("4767827" "5055561" "5154918" "5344917" "5412076" "5683701").PN. OR ("6160096").URPN. | US-PGPUB; USPAT; USOCR | A DJ | ON | 2009/08/17 10:12 |
| S51 | 16 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) same ((calcium hydroxide) or CaOH) same ((sodium sulfate) or (sodium sulphate)) same ((sodium hydroxide) or NaOH) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/17 11:19 |
| S52 | 2 | US-3607609-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/17 12:08 |
| S53 | 25 | ("1790983" "2249888" "2640004" "2757100" "2973284" "3014263" "3063892" "3071477" "3179342" "3232819" "3303038" "3364098").PN. OR ("3607609").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/08/17 12:08 |

| S54 | 421 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) with wind | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 12:26 |
|-----|------|---|--|-----|----|------------------|
| S55 | 33 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) with wind with fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 12:32 |
| S56 | 622 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) with (wind or airflow or air) with fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 12:46 |
| S57 | 4 | S56 with (loosen\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 12:47 |
| S58 | 30 | S56 and (loosen\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 12:50 |
| S59 | 2 | S56 with (sort\$4 or assort\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 14:19 |
| S60 | 87 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) same (wind or airflow or air) same fiber same (loosen\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 14:19 |
| S61 | 3922 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) same (wind or airflow or air) same fiber | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 14:42 |

| S62 | 1177 | S61 and ((mix\$4 near3 machine) or horizontal\$3 or blend) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 14:44 |
|-----|------|---|--|-----|----|------------------|
| S63 | 594 | S61 same ((mix\$4 near3 machine) or horizontal\$3 or blend\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 14:44 |
| S64 | 401 | S61 same ((mix\$4 near3 machine) or blend\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 14:45 |
| S65 | 9 | S64 and ((acid\$3 near3 protease) or protease or proteolytic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 14:51 |
| S66 | 34 | S64 and ((acid\$3 near3 protease) or protease or proteolytic or enzyme) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 15:17 |
| S67 | 34 | S64 and ((acid\$3 near3 protease) or protease or proteolytic or enzym\$5) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 15:17 |
| S68 | 0 | S61 same (ambient near2 water) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 15:44 |
| S69 | 1 | ((ammonium sulfate) or (ammonium sulphate)) same protease same (water or H20 or H2O or ("H.sub.2" adj O)) same (lime or liming or deliming) same ((sodium hydroxide) or NaOH) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 15:54 |

| S70 | 7 | ((ammonium sulfate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same (water or H20 or H2O or ("H. sub.2" adj O)) same (lime or liming or deliming) same ((sodium hydroxide) or NaOH) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/19 15:57 |
|-----|------|--|--|-----|----|------------------|
| S71 | 5 | CN-1446961-\$.did. or US-5851290-\$.did. or JP-0797714-\$.did. or EP-1229156-\$.did. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 10:51 |
| S72 | 3171 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) same acid\$3 same (protease or proteolytic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 11:41 |
| S73 | 851 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) with acid\$3 with (protease or proteolytic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 11:42 |
| S74 | 793 | S73 and collagen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 11:42 |
| S75 | 10 | S73 and collagen and yarn | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 11:42 |
| S76 | 7 | ((ammonium sulfate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same (lime or liming or deliming) same ((sodium hydroxide) or NaOH) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:19 |
| S77 | 645 | ((ammonium sulfate) or (ammonium sulphate)) and (protease or proteolytic or enzyme) and (lime or liming or deliming) and ((sodium hydroxide) or NaOH) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:22 |

| S78 | 189 | S77 and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:23 |
|------|-----|--|--|-----|----|------------------|
| S79 | 70 | S77 and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:23 |
| \$80 | 6 | (lime or liming or deliming) and (((ammonium sulfate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same ((sodium hydroxide) or NaOH) same (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:39 |
| \$81 | 6 | (lime or liming or deliming) and (((ammonium sulfate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same ((sodium hydroxide) or NaOH)) and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:40 |
| \$82 | 7 | (lime or liming or deliming) and (((ammonium sulfate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same ((sodium near2 hydroxide) or NaOH)) and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:41 |
| \$83 | 7 | (lime or liming or deliming or de\$1liming) and (((ammonium sulfate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same ((sodium near2 hydroxide) or NaOH)) and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:50 |
| \$84 | 8 | (lime or liming or deliming or de\$1liming or limed or delimed) and (((ammonium sulfate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same ((sodium near2 hydroxide) or NaOH)) and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:50 |

| S85 | 8 | (lime or liming or deliming or de\$1liming or limed or delimed) and (((ammonium sulfate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same ((sodium near2 hydroxide) or NaOH)) and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:54 |
|-----|------|--|--|-----|-----|------------------|
| S86 | 35 | (((ammonium sulfate) or (ammonium near3 sul\$2ate) or (ammonium sulphate)) same (protease or proteolytic or enzyme) same ((sodium near2 hydroxide) or NaOH)) and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 19:57 |
| S87 | 1 | ("3930954").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/26 20:05 |
| S88 | 4906 | (((ammonium sulfate) or (ammonium near3 sul\$2ate) or (ammonium sulphate)) and (protease or proteolytic or enzyme) and ((sodium near2 hydroxide) or NaOH)) and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 20:11 |
| S89 | 241 | (((ammonium sulfate) or (ammonium near3 sul\$2ate) or (ammonium sulphate)) and (protease or proteolytic or enzyme) and ((sodium near2 hydroxide) or NaOH)) and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)).ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 20:11 |
| S90 | 169 | S88 and collagen.ab. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 20:13 |
| S91 | 147 | wringing machine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 20:31 |
| S92 | 24 | S91 and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 20:32 |

| S93 | 192 | wringing near2 machine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:06 |
|----------|-----|--|--|-----|----|------------------|
| S94 | 30 | S93 and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:06 |
| S95 | 6 | S94 not S92 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:07 |
| S96 | 7 | wringing with machine with water with content | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:11 |
| S97 | 60 | wringing same machine same water same content | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:13 |
| S98 | 16 | S97 and (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:13 |
| S99 | 17 | ("0810510" "3654781" "4055059" "4280345" "4333731" "4559793" "4643916" "4888966" "5000017" "5238537" "5868798" "6174825" "6371280" "6387135" "6428874" "RE33034").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/08/26 23:25 |
| S10 0 | 76 | wringing same machine same content | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:30 |

| S10 1 | 4 | S100 and collagen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:30 |
|----------|--------|---|--|-----|----|------------------|
| S10 2 | 365451 | (rawhide or (raw near2 hide) or leather or (animal near2 skin) or (animal near2 fiber) or collagen or hide or (wet blue)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:43 |
| S10 3 | 804 | S102 and (trapeziform or (gill box rotary) or (cutting machine)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:43 |
| S10 4 | 66 | S103 and collagen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:44 |
| S10 5 | 9 | S102 and ((trapeziform or (gill box rotary) or (cutting machine)) same (loosing or loosening)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:46 |
| S10 6 | 38 | S102 and ((trapeziform or (gill box rotary) or (cutting machine)) and (loosing or loosening)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:47 |
| S10 7 | 74 | S102 and ((trapeziform or (gill box rotary) or (cutting near2 machine)) and (loosing or loosening)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/26 23:52 |
| S10 8 | 6 | cotton mixing machine | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:26 |

| S10 9 | 7 | S102 and (cotton near3 (mixing or mixture or mix or mixed or blend or blended or blending) near3 machine) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:29 |
|----------|-----|---|--|-----|----|------------------|
| S11 0 | 111 | cotton mixing | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:32 |
| S11 | 9 | S110 and S102 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:32 |
| S11 2 | 555 | S102 and (collagen same fiber same blend\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:35 |
| S11 3 | 189 | S102 and (collagen with fiber with blend\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:35 |
| S11 4 | 555 | S102 same collagen same fiber same blend\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:39 |
| S11 5 | 189 | S102 with collagen with fiber with blend\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:40 |
| S11 6 | 106 | S102.ab. and (collagen with fiber with blend\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 00:42 |

| S11 | 47 | (US-20070186352-\$ or US-20070269654-\$ | US-PGPUB; | ADJ | ON | 2009/08/27 13:39 |
|----------|----|--|--|-----|----|------------------|
| 7 | | or US-20030084954-\$ or US-20040194444-\$ or US-20080072628-\$ or US-20020104305-\$ or US-20040214309-\$ or US-20040253678-\$ or US-20040073010-\$).did. or (US-5851290-\$ or US-3616169-\$ or US-378469-\$ or US-6708529-\$ or US-3625811-\$ or US-4185011-\$ or US-3625811-\$ or US-6701704-\$ or US-689172-\$ or US-6160096-\$ or US-344917-\$ or US-3607609-\$ or US-3330106-\$ or US-4280345-\$).did. or (US-2387510-\$ or US-2107838-\$ or US-2747228-\$ or US-3314861-\$).did. or (EP-1229156-\$ or US-3314861-\$).did. or (EP-1229156-\$ or US-07097714-\$ or US-07097714-\$).did. or (WO-0106045-\$ or WO-9614452-\$ or US-62062990-\$ or GB-1157031-\$).did. | USPAT; USOCR; EPO; JPO; DERWENT | | | |
| S11 8 | 24 | S117 and (tanning or tanned or tan or soften\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 13:39 |
| S11 9 | 6 | S117 and ((tanning or tanned or tan) same soften\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 13:40 |
| S12 0 | 7 | S117 and ((tanning or tanned or tan) and soften\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 13:50 |
| S12 1 | 2 | S120 and lipid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 13:50 |
| S12 2 | 9 | ((tanning or tanned or tan) same soften\$4) same (emulsif7 or emulsion) same lipid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 13:54 |

8/27/2009 3:19:02 PM Page 14

| S12 3 | 48 | (tanning or tanned or tan) same (emulsif7 or emulsion) same lipid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 13:57 |
|----------|-------|---|--|-----|----|------------------|
| S12 4 | 13 | (tanning or tanned or tan) same (softening or soften) same lipid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:02 |
| S12 5 | 1338 | (cutting machine) same (three or "3") same cylinder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:05 |
| S12 6 | 90 | S125 and (leather or collagen or fiber) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:05 |
| S12 7 | 251 | (cutting machine) same (three) same cylinder | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:07 |
| S12 8 | 27 | S127 and (leather or collagen or fiber) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:07 |
| S12 9 | 3 | ((wringing or wrung) near5 machine) and (trapeziform or (gill box rotary) or (cutting machine)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:13 |
| S13 0 | 44826 | (trapeziform or (gill box rotary) or (cutting machine)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:16 |

| S13 1 | 1363 | (trapeziform or (gill box rotary) or ((cutting machine) near4 cylinder)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:16 |
|----------|------|---|--|-----|----|------------------|
| S13 2 | 1570 | (trapeziform or (gill box rotary) or ((cutting machine) near6 cylinder)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:16 |
| S13 3 | 1 | S132 and collagen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:19 |
| S13 4 | 2271 | (trapeziform or (gill box rotary) or ((cutting machine) with cylinder)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:19 |
| S13 5 | 1 | S134 and collagen | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:19 |
| S13 6 | 58 | S134 and (leather or hide or skin) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:20 |
| S13 7 | 26 | ((wringing or wrung) near5 machine) same (leather or skin or collagen) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:24 |
| S13 8 | 4 | S137 and (lipid or fat or wax or sterol or vitamin or \$7lipid\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:29 |

| S13 9 | 3714 | (trapeziform or (gill near2 box near2 rotary) or ((cutting machine) same cylinder)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:45 |
|----------|------|--|--|-----|----|------------------|
| S14 0 | 96 | S139 same (leather or collagen or fiber or hide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:45 |
| S14 1 | 10 | S140 same (loos\$8) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/27 14:50 |